

Consolidated Set of Q&A for GCCS Version 2.2

#	Subject Area	Question/Item	Response	Site
1	Applications: AHQ	BSM and AHQCHAR.P9 and AHQ.P9 are not on Hornet. When will they be there so that sites will have time to load and have users save queries.	All three patches are part of the install tapes for GCCS Version 2.2. The AHQ patches insure previous user queries are saved. OSF is not planning to put those on Hornet because it is not necessary.	FORSCOM
2	Applications: AHQ	Where should the patches to AHQ be loaded?	Wherever your AHQ is loaded at your site: i.e. an application server or on the clients. It is left up to the site.	FORSCOM
3	Applications: AHQ	Is it possible to save Ad Hoc Queries on one location?	Yes, normally to the database server.	
4	Applications: AHQ	Does AHQ segment (Version 5.6.0.2) replace AdHoc Query Graphic 5.4.3, AHQ Graphic Patch 2 Version 5.5.6, Graphic Patch 3 Version 5.5.2, Graphic Patch 4 Version 5.5.4e, Graphic Patch 5.5.4I, Graphic Patch 6 Version 5.5.4k, Graphic Patch 7 Version 5.5.41? Also, if it does replace the above	Yes. GCCS V 2.2 AHQ segment 5.6.0.2 replaces all those earlier patches. The script <u>does not automatically</u> remove the old patches. All patches and core AHQ segments should be deinstalled manually.	USFK

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		patches, does the script automatically remove these or do we have to remove them manually?		
5	Applications: AHQ	We have AHQ 5.4.3. on our clients. Is this the same version that you are releasing?	No, the latest release is AHQ patch 5.6.02.	USFK
6	Applications: AHQ	After we are done loading the client should we have AHQ 5.4.3 and AHQ 5.6.0.2 only?	Yes	USFK
7	Applications: AHQ & BSM	When do we load the AHQ and BSM patches?	The segments have to be loaded prior to de-install of current segments.	
8	Applications: Airfields	Tapes from DMA with Airfield segment data do not always load correctly.	The long range plan is to put airfield data into the Airfields reference which will be maintained from the Pentagon (NMCC)	TRANSCOM
9	Applications: Airfields	AIRDFD 2.0 is already loaded into our database server. Are there any changes and if not, does this have to be reloaded?	No	USFK

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10	Applications: Airfields	Does the Airfields database change with GCCS V 2.2? Is there a license issue?	The airfields database was updated in Dec 1996. Nothing was changed since then. There is a license for the EODB. DISA bought 150 copies and forwarded them to sites.	SOUTHCOM
11	Applications: Applix	Is Applix changed in GCCS Version 2.2?	No, it is the same as GCCS Version 2.1, but an upgrade should be arriving to the OSF in January for test.	
12	Applications: Applix	What is the problem in getting the newest version of Applix? How do we get the latest version out to sites?	JPL will deliver the newest upgrade version of Applix to OSF later this month (Jan 97). Once it is delivered and tested, it will be made available on Hornet.	
13	Applications: BSM	Is there a BSM mechanism to automate queries by day, time, user id, etc?	This is not unique to BSM. There are presently no tools to check the security audit data which is being collected. The DISA Security Working Group is actively working this issue.	FORSCOM
14	Applications: BSM	Does the new segment take into account when a LAN segment does	The problem is a security/1 and security/2 issue. If the LAN segment goes down, you	FORSCOM

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		<p>down and moves audit to a local file?</p> <p>Does it move the data back when the LAN segment comes back up?</p>	<p>will have to load it locally. If the LAN segment goes down the audit records will be kept in /var/audit/ until a reboot or the next download occurs (2AM).</p>	
15	Applications: BSM	<p>For the BSM PATCH.P1, the patch is installed, then the original Audit segment, the original BSM patch and finally the BSM PATCH.P1 are deinstalled. These steps are different from standard practices of deinstalling in newest to oldest order.</p>	<p>It doesn't matter here. Any order will work.</p>	MTMC
16	Applications: Coliseum	<p>We are not sure if we need Coliseum Client 2.2.02, but we would like to get it in case the J2 community might need it in the future? How do we get it?</p>	<p>In order to get Coliseum you must ensure that you have SYBASE and Gain Momentum licenses, two COTS packages.</p> <p>If your site has access to the DIA database (Coliseum is a DIA product), and the proper licenses, you can request the segment via the GCCS Homepage.</p>	USFK

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17	Applications: DART	We want to verify that the 2.2.03 roll up includes version 2.0.02, DART Patch 1 Version 1.0, and DART Path 2 Version 1.0. Are there any other patches which should be loaded or that 2.2.03 loads?	DART patch 2.2.03 rolls up the previous patches. There are no other patches are needed or that patch 2.2.03 loads.	USFK
18	Applications: ELVIS	Is this a server version or should ELVIS be loaded on the clients? Does the WEB Server and JMCIS server have to be on the same machine?	ELVIS is server. The ELVIS clients access data via the WEBBr segment. The server needs to be on a JMCIS machine that will be xlocked when not in use but not necessarily the TDBM Master. ELVIS should be loaded on a workstation that can be logged in and xlocked. The current segment is a server version. The latest version 1.3.20 is part of GCCS V 2.2	USFK
19	Applications: ELVIS	Is JMCIS loaded on the TDBM , can you still run ELVIS on clients?	Yes	
20	Applications: FRAS	Does FRAS v 1.2.6 include an application server and a database	Yes	USFK

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		server segments which weren't included in previous releases?		
21	Applications: FRAS	Does FRAS 1.2.6 replace FRAS Support v1 which is loaded on the clients?	Yes	USFK
22	Applications: JEPES	Does version 4.04.0.02 replace JEPES Client Version 4.0.1? Currently we have the JEPES tablespace loaded on /h. Is there any reason that we might want to move it to /home/dbf?	Yes. No, it should not be moved to /home/dbf.	USFK
23	Applications: JMCIS	Does the UB build allow us to remove the JMCIS Applications version 2.1.3.5 on the clients and servers?	Yes, you must remove JMCIS apps (2.1.3.5) to upgrade to GCCS V 2.2. We have not seen problems removing the segment.	USFK
24	Applications: JOPES	Is there a technical paper on the data dictionary or schema for JOPES?	The GCCS/JOPES Core Database Maintenance Manual, "CM-500-224-02, dated 18 Jun 96", has the information. You may obtain a copy through the normal CM	

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			process or when it becomes available on the Homepage.	
25	Applications: JOPES	For the JOPES applications, are the new segments overwriting the configuration files or the environment variable files?	Yes, the configuration files that come with AHQ and S&M are replaced.	EUCOM / MTMC
26	Applications: LOGSAFE	Does 2.8.0.01 replace LOGSAFE DB server Version 4.01, LOGSAFE Server Patch 2 Version 2.5, and LOGSAFE Server Patch 3 Version 2.6.0 on the database server?	No. OLSAFE.P7 version 2.8.0.01 will upgrade all existing versions of LOGSAFE.	USFK
27	Applications: Netscape WEBBr	Is there a replacement for the Netscape News Server Version 1.0.02?	No	USFK
28	Applications: Newsprint	What do you have to do to load with Newsprint? If just the filter file is used can't you load just this file?	Newsprint can be loaded on an Sun with at least 30 MB in /opt without a license. The license is only needed for Sun printers directly attached to a machine.	FORSCOM

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29	Applications: RDA	RDA PDR errors which show up as an F11 error are displayed as a SQL error message. Has there been a GSPR generated on it? Is it corrected in GCCS Version 2.2?	CSC looked at the problem with the Pentagon personnel. Apparently the problem occurred because the OPLAN file was empty. The software worked correctly and therefore does not require any fix. Once an OPLAN is loaded, the error message goes away.	HQDA
30	Applications: S&M	Does Version 5.6.0.0.01 replace S&M Graphic Version 5.5.4d, S&M Graphic Patch 4 Version 5.5.4k, S&M Graphic 5 Version 5.5.41, S&M Graphic Patch 7 Version 5.5.5a, S&M Graphic Patch 8 Version 5.55b on the application servers?	Yes	USFK
31	Applications: SMINT	Has SMINT been tested on the system?	Yes. It has been tested and will be provided to AMC as the backup site to TRANSCOM.	AMC
32	Applications: TDBM	Explain the four areas in the TDBM Master information: admin qs	Sites should follow instructions in the GCCS Installation Procedures (GIP).	NMCC

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		prt wdbm		
33	Applications: TDBM	By default there can be only one TDBM master per em server. Why?	The UB files and data are now located in /h/data/global/UB. There is only one /h/data/global per em server.	
34	Applications: TDBM	Is there Chart and OSS compatibility? Can we have TDBM on the same network?	OSS and TDBM cannot exist in a client/server relationship. They are not compatible. With proper socket management, OSS and TDBM might be able to exist on the same network. The communications between TDBM and OSS will have to be via message traffic.	
35	Applications: UB	JMCIS feeds from PACFLT specifically may cause the TDBM to crash. How do we fix that?	The TDBM is GCCS 2.2 is significantly more robust and it may be able to handle this.	PACAF
36	Applications: UB	Can JMCIS feeds be shared across routers? If so, it may eliminate the need for multiple TDBMs.	Yes, UB 6.01.6.G corrected this problem.	
37	Applications: UB	While doing UB configuration in the	The last entry should be left as a blank full	

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		SysCon window, what is the last entry on the 'left' side of the screen? Should it be your last 'Full Host' or an empty 'Printer Host' prior to clicking the 'OK' button?	host. The blank entry will be removed.	
38	Applications: UB	How do we set up UB and imagery feeds?	Selected sites are getting direct UB and imagery feeds. Each site must work that on their own. The initial installation of GCCS Version 2.2 does not support MIG (MIIDS IDB/Imagery/GCCS). The OSF is presently working on the MIG testing and it will be available within the next few months. If your site has a requirement for MIG, you should make that known to the OSF.	ACC
39	Applications: UB	Has the network printer access problem been solved in UB?	More network printing has been done but it is still not all corrected.	MCTSSA
40	Applications: UB	Does GCCS COE/ UB interface with IDB (Integrated Data Base) on separate subnets?	UB 3016G will be part of MIIDS/IPA/GCCS (MIG). MIG will be tested after GCCS Version 2.2 is fielded. MIG is targeted for	MCTSSA

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			release in Mar/Apr 97. It needs to be loaded as a separate segment. CAPT Scott Lewis and Judy Albert (DISA) are the developers of MIG. If you request MIG, we can make sure you get the appropriate segments.	
41	Applications: UB	Will you see UB Core in the SAInstaller window	You don't see it. It will show as part of the GCCS COE.	FORSCOM
42	Applications: UB	Do all printers have to be registered to UB? A site may have 100 printers that are not all in caps. Will they have to be renamed in caps? Does it work with ASCII printers?	Any UB application that you want to print from requires printers identified in all capital letters. Only the printer where you direct the print needs to be changed. Follow instructions in Installation Procedures- Appendix A.	FORSCOM
43	Applications: UB	Can you have more than one TDBM Master on a machine?	You can only have one TDBM Master one /h/data/global. The UB track data is stored in /h/data/global/UB. Consequently, only one TDBM Master can exist per EM server.	
44	Applications: UB	While doing the UB configuration in the SysCon window, what is the last	Recommend the left side be left alone until UB is configured	SPAWAR

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		entry on the 'left' side of the screen? Should it be your last 'Full Host' or an empty 'Printer Host' prior to clicking the 'OK' button?		
45	Applications: UB	Can the UB/SysCon handle a netgroup, made up of all "JMCIS" workstations or does the site have to identify each workstation in the SysCon window? Also confirm is it necessary to identify only "JMCIS" workstations or all GCCS workstations to the UB system configuration?	No, UB/SysCon can not handle a netgroup. Yes, the site has to identify each workstation in the SysCon window. Yes, It is necessary to identify only "JMCIS" workstations.	STRATCOM
46	Database:	Any updates on rdbms.P2?	P3 is not yet available. There is more information on the Homepage.	
47	Database	Do the partition sizes change? How will this be affected with Version 2.2?	Partition sizes should remain the same as previous versions. There should be no changes unless your site requires a new build.	FORSCOM

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48	Database	For a site that has a test database and wants to load onto this database? Can the NMCC password be bypassed? Must something be entered?	Do not load SMDB.P15 on test database and you won't need the password. SMDB.P15 is a new patch for downloading Reference Files from the NMCC. This isn't necessary in a test environment. Simply download your local Reference Files.	ACC
49	Database: AMHS	We currently have AMHS Client 1.1, AMHS Server 2.1.4, and AMHS Release Patch 1.1 loaded. Is it okay to load the new release with our current configuration?	Yes	USFK
50	Database: AMHS	What is the impact of the new AMHS load?	If your site has the AMHS 3.1 segment, there should be minimal impact. If you are upgrading from version 2.1.4, it will take more of an effort. Sites should carefully follow GCCS Implementation Procedures (GIP) to migrate user accounts.	
51	Database: AMHS	When can we build the AMHS servers? Does it have to be before or	The em server should be upgraded before the AMHS server.	STRATCOM

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		after the em server build? Or can they be done concurrently?		
52	Database: em server	What minimum set of files are needed to set up a mini em server?	There is no minimum set of files. A normal load will have to be done. The files located in /h/data/global/emdata are required.	
53	Database: em server	Does EM_Patch 6.0.1 replace Exec Mgr 2.1.2., EM Group Patch Version 1.1.01, EM Launch Patch Version 1.1, EM ST&E Patch Version 1, EM V2.1 Upgrade Version 2.1.6 on all systems or is this in addition to the above segments and patches? Also should this be the first thing loaded in Version 2.2 on the Executive Manager server?	No, EM_Patch 6.01 does not replace the other patches. EM is not currently rolled up so all patches should be loaded. Yes, EM_Patch 6.0.1 should be the first thing loaded on the EM server.	USFK
54	Database: em server	Based upon performance issues, are there any recommendations for placement of /h/data/global other	It can be put any workstation or on the server when you build a new file system, so it should not matter.	

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		than locating it on the EM Server?		
55	Database: JOPES	When is SMDB.P16 to be loaded on a JOPES database server?	The order of loading should be: ORACLE tools, rdbms.P2, smdb.P15, and smdb.P16.	
56	Database: JOPES	Is there a plan for JOPES database reload?	JOPES database and reloading of OPLANs are all controlled by JCS/J3_ (Stu Robinson. The Joint Networking Operations Center (JNOC) will coordinate networking and OPLAN issues with affected sites.	HQ DA
57	Database: SYBASE	Are there any plans to 'get rid of' SYBASE?	The long term plan is to migrate as many applications and databases as possible to Oracle. GCCS version 3.0 primarily uses Oracle7.3.2.2.	
58	Database: SYBASE	Which applications use SYBASE?	The following applications use SYBASE: AMHS, CCAPS, EVAC, GCCS Version 2.2, COMPES, and AGCCS applications	
59	Database: SYBASE	What is the cost of SYBASE?	Quotes vary but a single license is \$2,340 and ongoing maintenance is \$504. A server license is \$11,000. If necessary, we can	

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			provide a POC at SYBASE to discuss it further with you.	
60	Database: TDBM	For the JMCIS upgrade, what is the full reason for building the stand alone 2.2 TDBM master and transferring the pimtracks and overlays to it.	This is the fastest way to save your pimtracks and overlays. You can also transfer the pimtracks and overlays to a TDBM master at another site. The internal data storage formats are not compatible between the two versions so they need to be exchanged with another site as the exchange formats are compatible. The stand alone approach was adopted as a small penalty vice transferring all the data to another site via a channel that is significantly slower than 10M/s.	MSC
61	GCCS V 2.2 (Misc):	Are there plans to incorporate mirroring on all platforms?	If a site adds a second array, they can mirror the two arrays. There are no plans to mirror disk within an array against each other.	MTMC
62	GCCS V 2.2 (Misc):	After cloning a client workstation disk, MSQl/database copy template	When cloning clients, nothing special needs to be done for MSQl. A complete MSQl	MARFORLANT

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		database to the clone /a/em/global?	database will be downloaded by the client, from the em server (/h/data/global/EMDATA/msql), when the client is booted	
63	GCCS V 2.2 (Misc):	What is the estimate of the time needed for GCCS 2.2 upgrade?	Approximately 3 days: 1 day for dbserver, 1 for em and apps server, 1 for client workstation.	AWC
64	GCCS V 2.2 (Misc):	Which home pages are being updated with GCCS 2.2 upgrade status information?	The primary location is the GCCS homepage (http://204.34.175.79). On the GCCS homepage you can find information under “GCCS 2.2 Information Page” and also under “Engineering Homepage” which is five buttons below the “GCCS 2.2 Information Page”. Information is also being sent for posting to the GMC Homepage.	
65	GCCS V 2.2 (Misc):	What is the IP address of Hornet?	(http://199.114.100.20) During the week of 20 January, GCCS V 2.2 software will be available on Hornet. Engineering will load	

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			the software on Hornet after all the JOPES database sites have completed their upgrade.	
66	GCCS V 2.2 (Misc):	What is the cutoff date for GCCS V. 2.2 prior to fielding GCCS V 3.0?	A “cutoff” date has not been established, however we are looking at April/May ’97 timeframe for GCCS V 3.0. Meetings are scheduled in the near future with senior decisionmakers to discuss GCCS V 3.0.	CINCLANTFLT
67	GCCS V 2.2 (Misc)	For required backups prior to GCCS Version 2.2, what level do you dump to for backup?	Recommend everything be backed up at level zero (root).	FORSCOM
68	GCCS V 2.2 (Misc):	101318 failed to deinstall at site. Is it critical to deinstall all old versions of the Jumbo patch prior to upgrade?	No. If the patches were installed with the same option, meaning that there is an “archive.cpio” file in /var/sadm/patch/101318-77/save, you are wasting valuable disk space. Otherwise it has no impact.	PACAF
69	GCCS V 2.2 (Misc):	Which home pages are being updated with GCCS 2.2 upgrade status information?	The GCCS Homepage on Internet is being updated with GCCS 2.2 information. The URL is http://204.34.175.79.	

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70	GCCS V 2.2 (Misc)	The SPARC20 has multiple processors. Does the sequence of the patch take this into account?	This is an open issue being worked at the OSF.	FORSCOM
71	GCCS V 2.2 (Misc)	Did you get the u id fixed? Is it in the documentation?	No, that problem was not solved in this version. We are working it and expect it to be solved in the next version.	FORSCOM
72	GCCS V 2.2 (Misc) dial up	During the 'sanity check' at CENTCOM, has there been any testing using 'dial-up' remotes?	OSF conducted testing of the dial/remote software and checked it out. It was not done at CENTCOM because of time constraints but should pose no problems.	AGCCS
73	GCCS V 2.2 (Misc): dial up	On a SPARC 5 dial up system, Applix foldering system doesn't work because SYBASE is not available.	SYBASE and the foldering system it supports will no longer be available in GCCS V. 3.0	EUCOM
74	GCCS V 2.2 (Misc): Documents	In the GIP, there is a note dealing with the UB backup procedures: "It is suggested that sites replace their NETWORK Channel with a new channel that uses the NETPREC	The NETPREC channel was designed to reduce the need for monitoring Autoforward machines as a down site will no longer stop all messages. Now when a site goes down, it tries to transmit the message to it, then it	EUCOM

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		Channel.” Why is this?	goes to the next message. As you can see, there is a finite dwell time associated with each evaluation, so some message management is still required, but it is greatly reduced. With the NETWORK channel, if a client that was being fed went down, tracks would backup in the queue and would eventually degrade performance of the TDBM master. When the NETWORK channel is used the backup doesn't occur.	
75	GCCS V 2.2 (Misc): Documents	Site is unable to print PDF format on-line documentation with Adobe Acrobat to Newsprint printers.	The problem is being worked at the OSF.	AIA
76	GCCS V 2.2 (Misc): Documents	Is it possible to get an advanced copy of the procedures that will be performed on the db server?	A copy of the GCCS V 2.2 Implementation Plan (GIP) is available on the GCCS Homepage.	USFK
77	GCCS V 2.2 (Misc) Documents	We got documents in varying formats. Sometime they come in Adobe Acrobat, others in ASCII,	We will review our standards and let everyone know our plans via our Homepage.	FORSCOM

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		Applix, Microsoft Word, etc. Could they all be disseminated in ASCII each time in addition to the other formats?		
78	GCCS V 2.2 (Misc): GMC	Many GMC responses are passed on with no resolution or feedback	We are constantly trying to improve our support to users. We have an almost daily dialogue with the GMC and would be glad to work any issues with them that have not been resolved to your satisfaction.	CINCLANTFLT
79	GCCS V.2.2 (Misc): GMC	Why is there little feedback from the GMC?	Feedback and responsiveness are being addressed. The GMC is staffing up to meet the requirement and working to accumulate the expertise and experience necessary to be more effective.	FORSCOM
80	GCCS V 2.2 (Misc): HP	What version of HP is going to be fielded with GCCS Version 3.0?	HP-UX 10.10	CINCLANTFLT
81	GCCS V 2.2 (Misc): HP	GCCS V. 2.1 does not release memory until reboot 'd' file is used to rebuild the kernel with SAM	A memory leak was corrected in the GCCS 2.2 delivery. The d-file that was delivered is the correct one.	CINCLANTFLT

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		w/variables		
82	GCCS V 2.2 (Misc): HP	GUI utilities to create DOS disks mtools won't work on TAC -4	At present, there is no requirement to develop a set of GUI based tools for DOS disk Interface under GCCS on an HP.	CINCLANTFLT
83	GCCS V 2.2 (Misc): HP	EUCOM was being notified of status on three CINCLANTFLT workstations.	We were unaware of this. It should not be a major concern that the system reports status of extra machines. That the machines were not on the same LAN makes the probable causes even more obscure.	CINCLANTFLT
84	GCCS V 2.2 (Misc): HP	When will HP segments be available for GCCS V 2.2? Also, ping/binary is crashing the system.	HP has been delayed a week to 10 days.	
85	GCCS V 2.2 (Misc): HP	What is the status of HP ASET?	It is currently in development. ASET is specific to Sun systems. HP will use SCCT for the same functionality. SCCT will be part of GCCS 2.2	
86	GCCS V 2.2 (Misc): HP	Can we get a list of what GCCS V 2.2 segments are available for HP?	The listing of HP segments for GCCS 2.2 will be posted on the GCCS homepage under	CINCLANTFLT

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			“GCCS 2.2 Information” in the next few days.	
87	GCCS V 2.2 (Misc): Install	Sites are experiencing core dumps after 5 or 6 segments. Has this been fixed?	No. The site /h/data/local/SysAdm partition is filling up. This is the location SAInstaller maintains the Stat log and Table of Contents files and will abort if there is not enough available space. (/h/data/global/local/SysAdm/INSTALL.ST ATLOG.) The right mouse button allows you to clear the status log.	AWC / AIA
88	GCCS V 2.2 (Misc): Install	We have approximately 1300 users. What was the scope of the CENTCOM Operational Assessment and how many ‘users’ were involved?	GCCS 2.2 was tested on training system at CENTCOM (e.g. separate from the operational system). It occurred Dec 9-20 involving six users and other personnel at the OSF and the JITC. Though we would have preferred a more robust environment to include more users, we were able to step through a sound set of objectives which was approved by the joint staff.	NMCC

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89	GCCS V 2.2 (Misc): Install	Will all the segments be loaded on Hornet, as they were in the past, or must all sites load from tape?	Segments will not be loaded on Hornet until all the database sites are completed. This procedure ensures database and non-database sites are upgraded in the proper sequence.	MTMC
90	GCCS V 2.2 (Misc): Install	Sites are experiencing core dumps after 5 or 6 segments. Has this been fixed?	No. The site /h/data/local/SysAdm partition is filling up. This is the location SAInstaller maintains the Stat log and Table of Contents files and will abort if there is not enough available space. (/h/data/global/local/SysAdm/INSTALL.STATLOG.) The right mouse button allows you to clear the status log.	AWC / AIA
91	GCCS V 2.2 (Misc): Install	Site requests recommendation for upgrading remote sites over AFC2N lines.	Ship tape to site or duplicate disk.	AIA
92	GCCS V 2.2 (Misc): Install	For system services to work, is it still a requirement to put rhost file on the dbserver?	Yes	

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93	GCCS V 2.2 (Misc): Install	Are global login files modified under /usr/lib/x11/lib files?	Xreset files with modified	
94	GCCS V 2.2 (Misc): Install	At a non-database site, what is the sequence to build the EM server, applications servers etc?	Login files for user accounts must be updated	MARFORPAC
95	GCCS V 2.2 (Misc): Install	Does the GCCS V2.2 upgrade update the global login files as well as the users' login files?	The global login files are updated when the GCCS COE is loaded	
96	GCCS V 2.2 (Misc): Install	What are the requirements of backup of data? Is a full, off-line backup required? We currently have Full/Cumulative backup procedures in place. (Full is on-line backup)	During the upgrade, we recommend database backup and level 0 backup.	USFK
97	GCCS V 2.2 (Misc): Install	What amount of tapes are required for use during the upgrade, if any?	None	USFK
98	GCCS V 2.2 (Misc): Install	What are the requirements for preparation of the db server prior to GCCS V 2.2 upgrade?	During the upgrade, we recommend database backup and level 0 backup.	USFK

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99	GCCS V 2.2 (Misc): Install	When is it necessary to load the BSM patch and the AHQ.P9? Prior to upgrade or when in the process do these segments need to be installed?	BSM patch must be loaded before the 2.1 BSM and its patch are deinstalled AHQ.P9 must be installed before AHQ is deinstalled.	
100	GCCS V 2.2 (Misc): Install	Will installers upgrade the db server, em server, apps servers, then the clients?	The db server must be upgraded first. The GCCS V 2.2 JOPES applications will not work with a GCCS db server. The EM server should be upgraded as soon as possible. It must be upgraded before you create any accounts to use UB 6.10..06g	STRATCOM
101	GCCS V 2.2 (Misc): Install	The GCCS V 2.2 upgrade does not launch sendmail.cf file. Are there patches for sendmail?	The GCCS COE kernel installs the mail patch 101739-12. This patch replaces the sendmail.cp file. To ensure that the site doesn't lose their sendmail.cf file, the kernel saves (/etc/mail/sendmail.cf-config.) and then restores it after the patches are installed. It also adds a line with [OR] to enable MX records to work correctly.	
102	GCCS V 2.2 (Misc):	What is the proper order to load	Keep segments in tape order (not	

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#	Subject Area	Question/Item	Response	Site
	Install	network installer?	alphabetical). You can select all segments on tape and then install it.	
102	GCCS V 2.2 (Misc): Install	The site has linked some users directories from /h/users to other locations. Is this going to be a problem for the upgrade?	Scripts should follow the links to the actual location and properly copy dot files to this location.	SPACECOM
103	GCCS V 2.2 (Misc): Install	Can /h/data/local/UB/system/network/hos ts/ be copied to other systems?	It is not recommended that they be shared over the network. It can be copied.	
104	GCCS V 2.2 (Misc): Install	Are we to deinstall the Jumbo kernel patch?	If the Jumbo patch was installed with the save option, you must deinstall it. If it has a /var/sadm/patch/101318-75/save/archieve.cpio file it was deinstalled with the save option.	
104	GCCS V 2.2 (Misc): Install	PACOM has Jumbo Patch 101318-81 installed on a SPARC 1000. The kernel will note the same or a newer version Jumbo Patch. It will take it out of the load list or not load the	The GCCS kernel will not attempt to remove a Jumbo Patch that is the same version (-80) or newer (-81, -81) than the one that comes with the kernel (101318-80). It will not attempt to install 101318-80 in this	PACOM

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#	Subject Area	Question/Item	Response	Site
		101318-80 version supplied by GCCS V 2.2. What is the fix there?	situation.	
105	GCCS V 2.2 (Misc): Install	Site has 101318-80 loaded on SPARC 5's without the save option to conserve disk space. What happens and how do you install the - 80 patch if it was previously loaded and not saved.	If patch 101318-80 or later is loaded on the system, the kernel will not attempt to install 101318-80 or back it out. (See message from Engineering regarding dual processor 20's with 75 MHz processors and SPARC 5's with small / and /var partitions.)	AIA
106	GCCS V 2.2 (Misc): Install	Backing out Jumbo Patch 101318-75 may be a problem for this site's SPARC 20's, due to the memory configuration (over 100MB of memory). Will Patch 101318-80 cover this?	No. 101318-80 contains everything that 101318-75 contains. Problems you had with memory configuration will probably not be fixed.	MSC
107	GCCS V 2.2 (Misc): Install	The site wants to backout all of the Solaris patches to allow the GCCS kernel to install correct patches. Is this sound?	If you load GCCS V 2.2, you don't have to back out earlier patches unless you have a site unique situation.	USAFE
108	GCCS V 2.2 (Misc):	Are global login files modified under	Xreset file with modified was modified to	

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#	Subject Area	Question/Item	Response	Site
	Install	/usr/lib/x11/lib files (xdm files)	kill all processes associated with the user when he/she logs off. Global xsession, profile, etc are not modified.	
109	GCCS V 2.2 (Misc): Install	What is the correct order? Is the system build sequence: load kernel COE on db server or load kernel COE on db server//EM simultaneously.	Load db server first, then while it is down your users may use another db site, if the em server is up or you have a NIS+ replica. If your users don't intend to do anything until the db server is back up you can do the em server simultaneously with the db server.	
110	GCCS V 2.2 (Misc): Install	During installation, how are our directories protected? How does moving directories affect installation order?	/h/users/ is not affected during the kernel upgrade. When the GCCS COE is loaded on the platform where /h/users is located and the system is rebooted, all the user login files will be move up one directory and new login files will be put in each users home directory.	PACAF
111	GCCS V 2.2 (Misc): Install	Site has SPARC 5's with two 1.5GB drives, request partitioning advice.	For the GCCS Implementation Plan (IP), section 3 for SPARC 5's with 2 x 1.1GB drives, configure @ 64MB swap on each	

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#	Subject Area	Question/Item	Response	Site
			drive. Drive 1 will be root drive and drive 2 will be /home. If a JMCIS client, name the partition /home2.	
112	GCCS V 2.2 (Misc): Install	At a non-database site, what is the sequence to build the em server, applications servers etc?	The proper sequence is emserver, apps server, and clients. The site DB server has to be done at first, even if it's at another site. The account server (machines with /h/users) should be done last but before using UB.	MARFORPAC
113	GCCS V 2.2 (Misc): Install	If we do a level 0 dump on multi-user mode, are active files missed?	Do a root partitions backup in single user mode / /usr / /var / opt. For backup of the SPARC 1000, bring down Oracle prior to backup, otherwise Oracle will not come up if you restore backup.	MARFORPAC
114	GCCS V 2.2 (Misc): Install	These sites replicate their client disks. They are looking for guidance and recommendations on building the master disks and the amount of UB/JMCIS configuration that needs to be done on the master disks.	You can fully configure the JMCIS client and then duplicate it for everyone. If the disk duping/configuration approach is used, a completely installed and operational disk should be used as the master. The configuration effort afterward will be	EUCOM / USAFE

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#	Subject Area	Question/Item	Response	Site
			minimized.	
115	GCCS V 2.2 (Misc) Install	Any more information that would be useful to sites getting ready for GCCS Version 2.2 installations? Can you tell us the composition of the install teams at the sites?	The OSF is putting together checklists from the CENTCOM installation. The checklists will be on the Homepage. Site installation teams will usually consist of two people. Tapes will be distributed the second week of Jan (6-10 Jan) for those sites implemented in January and the first week of February for those sites implemented in February. Final documents and updates will be sent to sites as they are updated and/or completed.	
116	GCCS V 2.2 (Misc): Install	Is there any danger of user access files being affected during the upgrade?	The user login files (.xdefaults, .xsession, .login, .cshrc, .profile and .mwmrc) are replaced during the installation of the GCCS COE on the platform with /h/users. Other files will not be touched.	USFK
117	GCCS V 2.2 (Misc): Install	Changes to login scripts will not follow links to other directories/partitions	The login scripts will be changed regardless of where they are. They will follow link.	SPACECOM

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#	Subject Area	Question/Item	Response	Site
118	GCCS V2.2 (Misc): Install	Is it possible to set up NIS netgroup between platforms (e.g. Sun and HP)?	ACOM got it to work but we have not done any experiments on this. If you are asking, “Can you set Sun NIS+ netgroups up to give HP machines good privileges”, the answer is Yes. If the question is, “Can you set up Sun and HP to share netgroup information automatically between NIS+ and NIS?”, then No, not currently.	ACOM
119	GCCS V2.2 (Misc): Install	To what extent does 2.2 conform to the TFM? Specifically, the site is continuing to bring clients into line with the TFM. Would the site be better off to rebuild them with 2.2 correctly or just update?	Appendix B to TFM (CM 500-138-12, 16 Jan 97, “Release Notes for Updates to GCCS 2.2”) explains what is happening with TFM. The GCCS 2.2 kernel implements TFM requirements that apply to the operating system. All changes made by the kernel are documented Appendix B. The site can do it either way.	USAFE
120	GCCS V 2.2 (Misc): Install	Does GCCS V 2.2 update the global login files as well as the users’ login files?	The user login files are updated. The global login files are not affected.	

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#	Subject Area	Question/Item	Response	Site
121	GCCS V 2.2 (Misc) Install	How long does it take to load GCCS Version 2.2 on each machine? Are there any files or host names that need to be changed?	It takes about 1.5 to 2.0 hours reboot time per SPARC 5 for just the kernel and COE alone. Therefore would be quicker to replicate it from a master disk if your site has that option. No files or host names need to be changed from the GCCS Version 2.1 naming conventions.	FORSCOM
122	GCCS V 2.2 (Misc): Install	If there is a failure during the kernel re-install what are the procedures? If there is a failure during the COE install what actions do we take?	The GCCS kernel can be reinstalled over and over. Recommend you let the GCCS kernel run to completion before attempting to reinstall [<i>don't enter Control C</i>]. The GCCS COE should also be reinstalled if it fails.	
123	GCCS V 2.2 (Misc) Link 11	Can you avoid Link 11? Is there an option to load it?	No, it is part of the new GCCS COE.	FORSCOM
124	GCCS V 2.2 (Misc) MIG	Is every site going to get the MIG build?	No. It will be a site specific requirement.	ACC
125	GCCS V 2.2 (Misc) Network	Can the kernel network installer and the segment installer be on the same	Yes. The kernel installer can be on any system with an IP address that is being	FORSCOM

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#	Subject Area	Question/Item	Response	Site
		system?	shared.	
126	GCCS V 2.2 (Misc) Network	Who is looking at the polling and trap data that the SNMP devices are collecting?	That data is made available to the DISNET Network Managers ? If you have a problem with one of your pieces of equipment, you need to trouble shoot it with the GMC.	ACC
127	GCCS V2.2 (Misc): Newsgroups	Newsgroups: Site does not get newsgroups feeds from all sites. Will the newsgroups topology be updated?	The policy has not changed.	MSC
128	GCCS V 2.2 (Misc) nfs mounts	What are the plans for 'nfs mounts' of the /security1 and /security2 partitions for a GCCS version 2.2 upgrade?	With a rebuild the recommendation is to set the partitions up locally to the machines to eliminate the network mounts. Don't change the nfs mounts if you are doing an upgrade.	AGCCS
129	GCCS V 2.2 (Misc) OPLAN	Who coordinates with the sites on requirements to load JOPES data for OPLAN reloading?	JCS/J3, Stu Robinson	TRANSCOM
130	GCCS V 2.2 (Misc):	JMCIS Printer configuration creates	Create an all-caps printer alias for the mixed case/lower case printer on the clients as follows:	

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#	Subject Area	Question/Item	Response	Site
	Printers	only all-caps printer names and the majority of the sites have mixed-case or lower case printer names. What is the workaround?	<p>Solaris Workaround:</p> <ol style="list-style-type: none"> Create a printer in JMCIS in accordance with the UB Users Guide. It is recommended that the existing printer name be typed in as it is the program that converts the input to upper case. For example, if the printer name is SPARCprinterII, and you actually type in SPARCprinterII, the program will create a printer named SPARCPRINTERII. In an x-term, as root, cd /etc/lp/printers. There you will find a set of directories for all printers defined. (For example, BIGFOOTprinter, SPARCprinterII, SPARCPRINTERII). Change to the directory that has the all-caps name. (For example, cd SPARCPRINTERII). Edit the printer configuration file (vi configuration). Change the all-caps name to the mixed case printer name. (For example, REMOTE:lynn!SPARCPRINTERII should become Remote: lynn!SPARCprinterII) 	
131	GCCS V 2.2 (Misc) SAInstaller	Will “%” be used in addition to the Mbytes?	No. It only displays used and reserved Mbytes of disk space.	FORSCOM
132	GCCS V 2.2 (Misc) SAInstaller	How does the SAInstaller compare between the Solaris and HP	Source code is the same. From the user perspective, all the features are the same.	AF Help Desk

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#	Subject Area	Question/Item	Response	Site
		versions? Are they the same?	The source tree is identical.	
133	GCCS V 2.2 (Misc) SAInstaller	Will disk over ride pop up window correct the problem with SAInstaller calculation? Reference: recommended fix deinstall xlock. Can you just select an over ride % of disk space.	No. Follow recommended work around. De-install a small segment (xlock) to force the disk space calculations.	FORSCOM
134	GCCS V 2.2 (Misc): SAInstaller	In GCCS V 2.1, there was a problem in the status log filling up after ten segments had been loaded. Has that been corrected?	No. You have to check it after 7 or 8 segments just to be sure it doesn't fill up.	
135	GCCS V 2.2 (Misc) SAInstaller	Does the SAInstaller look for version numbers or will any version meet the requirement?	No. SAInstaller only checks for segment names.	FORSCOM
136	GCCS V 2.2 (Misc) Sun	Can AnswerBook be installed in GCCS Version 2.2?	Yes	
137	GCCS V 2.2 (Misc) Sun	If the site has extra, 'non-standard' patches, should they back them out?	It should not be an issue. GCCS Version 2.2 works with or without the Solaris patch. It	TRANSCOM

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#	Subject Area	Question/Item	Response	Site
			does not have to be “backed out” of previous install versions. GCCS Version 2.2 will only back out the early versions.	
138	GCCS V 2.2 (Misc): Sun	Please list the Sun platforms that will work with the GCCS V 2.2 (i.e. 1000/2000, SPARC 20s, etc). Specifically, will SPARC Classics and Sun Netra (the Netra is now running GCCS 2.1) systems work?	SPARC 1000, 2000, 20 and 5 are the standard. We have not tried a Classic or a Netra.	
139	GCCS V 2.2 (Misc): Sun	What is the latest on the Sun SPARCStorage array upgrade kit? Battery? EPROM chip?	Sun is creating a database of all GCCS sites that have SPARCStorage arrays needing upgrades.	
140	GCCS V 2.2 (Misc): Sun	Is there a problem installing Answerbook with GCCS V 2.2?	There may be a problem, testing is underway at the OSF.	
141	GCCS V 2.2 (Misc): Sun	Can Solaris 2.5 be used on Sun Ultra's?	No, Sun Ultra's do not support Solaris 2.5.	CINCLANTFLT
142	GCCS V 2.2 (Misc): TDBM	Socket configuration with GCCS and OSS 8000 prevents OSS TDBM	GCCS sockets are all coordinated within GCCS. There was contention for the same	CINCLANTFLT

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#	Subject Area	Question/Item	Response	Site
		from broadcasting	socket numbers between OSS and EM processes. We have no way of knowing what OSS is using. They have to be dealt with on a case by case basis.	
143	GCCS V 2.2 (Misc) Testing	What kinds of systems were tested with GCCS Version 2.2?	OSF tested SPARC 5, 20, 1000, and HP 3. CENTCOM tested Sun SPARC 1000, 2000, 20, 10, 5, HP TAC4 and PCs.	FORSCOM
144	GCCS V 2.2 (Misc) Volume Manager	For the Volume Manager and changes, where will the new icons show up? Who are they for? We have an array we are going to build in the next few months. Will this same process work?	The system administrator will see seven new icons (if you are building the system from scratch) to assist in building the Volume Manager. Five icons go away after the arrays are configured. The Volume Manager segment should only be loaded on new systems.	FORSCOM
145	GCCS V 2.2 (Misc): Volume Manager	Sites want to add additional disk arrays to their JOPES database servers, should they load the new Volume Manager software? If not how should they pursue this activity	No, especially if your Volume Manager is already 2.1.1. All you need to do is attach the array (boot -r), then initialize it (vxinstall) and use the Volume Manager GUI (vxva) to build the volumes on the new	EUCOM / USAFE

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#	Subject Area	Question/Item	Response	Site
			array.	
146	GCCS V 2.2 (Misc): Volume Manager	We are still running Volume Manager, version 2.0 and had problems trying to upgrade to version 2.1. Will this be a major problem during the upgrade? We successfully installed Volume Manager 2.1 on one SPARC 20 with no problem, but the other SPARC 20 would not load.	On Suns that have mirrored SPARCStorage arrays, the Volume Manager software should be upgraded from 2.0 to 2.1.1. You run the risk of a memory leak which can halt your system if you don't upgrade. This will not happen on systems that are not mirrored. The Volume Manager package that was released last Spring should be used to upgrade the Volume Manager software, <u>not</u> the segment.	USFK
147	GCCS V 2.2 (Misc): Volume Manager	Is there anything new with 1000 that the kernel impacts?	The max users is set to 2 x RAM up to a max of 2048. The bufhwm is also set to 8000.	
148	GCCS V 2.2 (Misc): Volume Manager	Will Volume Manager 2.0 software with 3.6 firmware be affected by the GCCS V 2.2 upgrade?	The Volume Manager will remain at 2.0. The firmware will be upgraded to 3.9. ?The patches will upgrade the firmware. It is not necessary to load the new Volume Manager segment for 2.2	MARFORPAC

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#	Subject Area	Question/Item	Response	Site
149	GCCS V 2.2 (Misc): Volume Manager	Is Volume Manager going to be upgraded?	The OSF is currently evaluating Volume Manager V 2.3	
150	GCCS V 2.2 (Misc): Volume Manager	Is there anything that is running fc update?	If your site is experiencing this problem, send a copy of the error and we will work it with Sun. The fc is only executed when the Volume Manager is installed. (Volume Manager segment or Volume Manager Upgrade Package). Something else is going on.	
151	GCCS V 2.2 (Misc): Volume Manager	Sites want to add additional disk arrays to their JOPES database servers, should they load the new Volume Manager software? If not how should they pursue this activity	No, especially if your Volume Manager is already 2.1.1. All you need to do is attach the array (boot -r), then initialize it (vxinstall) and use the Volume Manager GUI (vxva) to build the volumes on the new array.	EUROM / USAFE
152	GCCS V 2.2 (Misc): Volume Manager	When should sites load the new version of Volume manager software? What problems would a site encounter	Only when they are loading the Volume Manager for the first time. <u>Do not use it to upgrade the Volume Manager software on GCCS Version 2.1 systems!</u> You should	

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#	Subject Area	Question/Item	Response	Site
		with the new software?	encounter no problems when building new systems. Sector 5.3 has detailed instructions for installing the segment.	
153	GCCS V 2.2 (Misc): Volume Manager	Does Volume Manager 2.1 have to be loaded prior to the arrival of the DISA install team?	If you have mirrored array the Volume Manager software should be upgraded prior to the arrival of the install team.	USFK
154	GCCS V 2.2 (Misc): Volume Manager	Do both of the array patches have to be deinstalled and reloaded again if they were recently loaded?	If multiple versions of 101318 are loaded with the save option they should be backed out to recover the disk space in /var. Only patch 102479 needs to be backed out before 101318 is backed out. 101318 is temperamental when being installed. It should be watched closely.	FORSCOM
155	GCCS V 2.2 (Misc): Volume Manager	We are still running Version 2.0 and had problems trying to upgrade to version 2.1.1	On Suns that have mirrored SPARCStorage arrays, the Volume Manager software should be upgraded from 2.0 to 2.1.1. You run the risk of a memory leak which can halt your system if you don't upgrade. This will not happen on systems that are not mirrored.	

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#	Subject Area	Question/Item	Response	Site
			The Volume Manager package that was released last Spring should be used to upgrade the Volume Manager software, <u>not</u> the segment.	
156	GCCS V2.2 (Misc): Windows	Is Windows incorporated with WABI?	No, it can be done for legal reasons.	
157	GCCS V 2.2 (Misc) Windows NT	Does GCCS version 2.2 support Windows NT?	No, but Windows NT can be used via X windows	
158	GCCS V 2.2 (Misc): Windows NT	What version of GCCS supports Windows NT?	GCCS V 3.0	CINCLANTFLT
159	GCCS V 2.2 (Misc) Windows NT	Does GCCS version 2.2 support Windows NT?	No, but Windows NT can be used via X windows	
160	GCCS V 2.2 (Misc): Windows (WINDD)	How do we get 2 server packages and 2 -20 floating user licenses for each of our servers?	You will have to purchase the licenses from the vendor. DISA will not be able to get those for you.	USFK
161	GCCS V 3.0	Will all the sites upgrade at the same time to GCCS V 3.)?	It is been looked at now. More than likely, the sites will be phased as they upgrade to minimize risk.	

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#	Subject Area	Question/Item	Response	Site
162	GCCS V 3.0	Is there a group responsible for infrastructure planning for Air Force sites?	GCCS will still be using Sun's for servers, HP's and Pentiums at NT clients (in place now). The applications will be not ported to PC's for GCCS 3.0. Infrastructure is still site specific.	AFCC
163	GCCS V 3.0	Any idea of when GCCS Version 3.0 will get fielded?	The transition plan is now being reviewed. The May/Jun time frame is being targeted. During the month of January, there will be a program review with Admiral Gauss, at which time a schedule is likely to be firmed up.	
164	GCCS V 3.0	Database reduction and GCCS Version 3.0 have direct impact on sites which will have to go somewhere else for their database. How will all of that be coordinated?	Implementation and transition plan provided by Mar 97. A draft is currently in development.	
165	Non GCCS V.2.2 (Misc): COMPES	Does GCCS Version 2.2 work with OTMP (COMPES).	Yes, it was tested at the OSF.	AMC

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#	Subject Area	Question/Item	Response	Site
166	Non GCCS V.2.2 (Misc): JMCIS	Can the OSS Master feed clients and allow the JMCIS Master to be eliminated or is there a compatibility problem?	No, the OSS Master can not have GCCS Version 2.2 clients.	CNO
167	Non GCCS V.2.2 (Misc): MSQ	MSQ was tagged correctly?	MSQ goes away with GCCS V.3.0.	
168	Non GCCS V 2.2 (Misc): Network	SPARC network server for Solaris and HP: Sun's won't read HP tapes.	The system is not designed to preclude this. There have been problems reading tapes created on one machine and read on another but that was a tape drive incompatibility problem. The NET_SERVER should be able to load any kind of segment.	
169	Non GCCS V 2.2 (Misc): Network	How can you get the network kernel installed with NIS+ not running?	The Sun that is being upgraded must be in the NIS+ host and netgroup files. If NIS+ is not running the platform sharing the kernel, network installer must not be using "netgroups" in dfstab.	ACC
170	Non GCCS V 2.2 (Misc) Network:	Where is the EMPIRE 2.0.0.02 agent loaded and can our network	The reference agent is located at /h/cots/EMPIRE.	USFK

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#	Subject Area	Question/Item	Response	Site
	EMPIRE	management agent SPECTRUM talk to this agent?		
171	Non GCCS V.2.2 (Misc): Policy	What is the policy of sites downloading commercial software directly? We understood DISA was supposed to distribute Netscape software to the sites and were told by the GMC to download the latest version from Internet. Is there a DISA policy?	The policy is that sites download non-DISA provided software at their own risk. A more definitive policy is being reviewed by the Engineering Office. Once approved, it will be posted on the Homepage	FORSCOM
172	Non GCCS V.2.2 (Misc): Policy	What is the policy on xterm user accounts? Netscape allows it and it becomes a configuration management policy problem.	It will be part of the Engineering Office review. Currently this is a site issue.	FORSCOM
173	Non GCCS V.2.2 (Misc): SORTS	Will there be a consolidated map server?	Not for GCCS Version 2.2. The issue should be referred to Lt Col Rusty Neil, Joint Staff, and the SORTS Working Group.	FORSCOM
174	Non GCCS V.2.2 (Misc): Sun	We answered the question at our site “How many 10/60 Connor disks are	The information was forwarded to Sun which used it to scope the problem they had.	FORSCOM

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#	Subject Area	Question/Item	Response	Site
		on machines?”. We passed the data to the OSF. What happened to the information at that point?	Sun indicated they will replace the drives. We will check out the status and post it on the Homepage.	
175	Non GCCS V.2.2 (Misc): Sun	Does SUN support the older version of Answerbook? How do we get it out to sites that need it?	Yes, we are creating and testing an Answerbook segment now.	
176	Non GCCS V.2.2 (Misc): TDBM	Under the TDBM Master Information, why do you need to load all the clients on the clients? Would loading the Master TDBM be sufficient? Some sites may have a large volume of clients that receive TDBM Information.	It is a good idea for printers and communications etc., to have all clients know about all hosts. The file can be copied from one host to all others: h/data/local/UB/System/Network/hosts	
177	Security	Is there any progress on NIS group anomalies, i.e. NIS dropping the NIS group information for a user, such as the AMHS groups?	We have not run into that problem at the OSF, however Sun is aware of it but does not yet have a solution.	EUCOM
178	Security	How will NIS replica servers be affected by the upgrade:	The NIS servers should not be affected at all by the upgrade. We have not seen any	MSC

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#	Subject Area	Question/Item	Response	Site
			problems in that area.	
179	Security	What is involved in the new audit segments? Is the new audit segment new software or new scripts/cron jobs?	The audit segment is not new. It no longer uses the "audit_reduce" function when moving the audit records from /security1/2 to /h/data/global/EMDATA/auditlogs. This should clear up some problems encountered in the past.	USAFE
180	Security	Has there been an accreditation done for GCCS Version 2.2?	GCCS Version 2.1 has Interim Approval to Operate. Version 2.2 upgrades did not warrant a full scale security accreditation. Before GCCS Version 3.0. is released a Security Test and Evaluation will take place.	
181	Security	Why have /security1 and /security2 on different partitions of the same disk?	Two are set up in case /security1 fills up it will automatically move over to /security2.	USAFE